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UTILITY**PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 36992.00111 (HAL 184 CON)

First Inventor Akira Fujibayashi

Title APPARATUS AND METHOD FOR ONLINE DATA MIGRATION WITH REMOTE COPY

Express Mail Label No. EL 701 365 001 US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 21]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 7]

5. Oath or Declaration [Total Sheets 2]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)

- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a. Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s)) (copy)

10. 37 C.F.R. 3.73(b) Statement Power of (when there is an assignee) Attorney (copy)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. of Time Other: General Authorization to Petition for Extensions

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: 09 / 927,167

Prior application information: Examiner Jasmine Song Art Unit: 2188

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

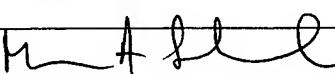
19. CORRESPONDENCE ADDRESS
 Customer Number or Bar Code Label  or Correspondence address below
(Insert Customer No. or Attach bar code label here)

30256

PATENT TRADEMARK OFFICE

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Marc A. Sockol	Registration No. (Attorney/Agent)	40,823
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Signature		Date	August 27, 2003
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

22154 U.S.P.T.O.
08/27/03



FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 750)

Complete if Known	
Application Number	Unknown
Filing Date	August 27, 2003
First Named Inventor	Akira Fujibayashi
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No	36992.00111 (HAL 184 CON)

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)					
<input type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None	3. ADDITIONAL FEES					
<input checked="" type="checkbox"/> Deposit Account:					Large Entity		Small Entity			
Deposit Account Number	05-0150				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit Account Name	Squire, Sanders & Dempsey L.L.P.				1051	130	2051	65	Surcharge - late filing fee or oath	
					1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
					1053	130	1053	130	Non-English specification	
					1812	2,520	1812	2,520	For filing a request for reexamination	
					1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
					1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
					1251	110	2251	55	Extension for reply within first month	
					1252	410	2252	205	Extension for reply within second month	
					1253	930	2253	465	Extension for reply within third month	
					1254	1,450	2254	725	Extension for reply within fourth month	
					1255	1,970	2255	985	Extension for reply within fifth month	
					1401	320	2401	160	Notice of Appeal	
					1402	320	2402	160	Filing a brief in support of an appeal	
					1403	280	2403	140	Request for oral hearing	
					1451	1,510	1451	1,510	Petition to institute a public use proceeding	
					1452	110	2452	55	Petition to revive – unavoidable	
					1453	1,300	2453	650	Petition to revive – unintentional	
					1501	1,300	2501	650	Utility issue fee (or reissue)	
					1502	470	2502	235	Design issue fee	
					1503	630	2503	315	Plant issue fee	
					1460	130	1460	130	Petitions to the Commissioner	
					1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
					1806	180	1806	180	Submission of Information Disclosure Stmt	
					8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
					1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
					1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
					1801	750	2801	375	Request for Continued Examination (RCE)	
					1802	900	1802	900	Request for expedited examination of a design application	
					Other fee (specify) _____					
					SUBTOTAL (2) (\$0)					
					*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$0)

****or number previously paid, if greater; For Reissues, see above**

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Marc A. Sockol	Registration No. Attorney/Agent)	40,823	Telephone	650.856.6500
Signature				Date	August 27, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Examiner: Unknown

Akira Fujibayashi, et al.

Serial No: Unknown

Art Unit: Unknown

Filed: August 27, 2003

For: APPARATUS AND METHOD
FOR ONLINE DATA
MIGRATION WITH REMOTE
COPY

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

GENERAL AUTHORIZATION TO PETITION FOR EXTENSIONS OF TIME

Dear Sir:

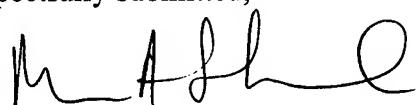
With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicants hereby authorize and request the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17, or credit any overpayment of same, to Deposit Account No. **05-0150**.

Date: August 27, 2003

Respectfully submitted,

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By: 
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